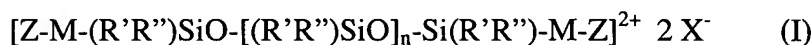


## CLAIMS

1. A cleaning and polishing oil-in-water emulsion which comprises:
  - A. about 0.1 to about 25 % of at least one silicone oil with a viscosity ranging between about 20 and about 100,000 mPas.;
  - B. about 0.5 to about 25 % of at least one bisquaternary organomodified silicone of the formula:



whereby

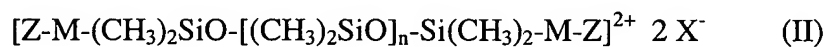
- |                |  |
|----------------|--|
| Z              | is a quaternary nitrogen radical,  |
| R' and R''     | are independently from each other an alkyl or an aryl radical,   |
| M              | is a divalent hydrocarbon radical having at least 4 carbon atoms which optionally contain at least one hydroxyl group and which may be interrupted by one or more oxygen atoms and/or groups of the type -C(O)-, -C(O)O- or -C(O)N-, |
| n              | is a number between 1 and 200,   |
| X <sup>-</sup> | is an inorganic or organic anion;  |
- C. about 0.1 to about 15.0 % of at least one nonionic or amphoteric surfactant which has an alkyl chain length between 6 and 14 carbon atoms;

- D. about 1 to about 40 % of at least one oil selected from the group of mineral oils, paraffin oils, petroleum distillates, hydrocarbon solvents, ester oils, triglycerides and cyclic silicone oils;
- E. about 0.1 to about 15 % of at least one emulsifier;
- F. about 20 to about 99 % water; and

optionally one or more auxiliaries selected from the group consisting of consistency enhancers, thickeners, stabilizers, fragrances, preservatives, antioxidants, dyes, abrasives, glycol ethers, alcohols, and builders.

2. The cleaning and polishing oil-in-water emulsion according to claim 1, wherein R' and R'' are independently a C<sub>1</sub>-C<sub>4</sub> alkyl radical or a C<sub>11</sub>-C<sub>18</sub> alkyl radical.

3. The cleaning and polishing oil-in-water emulsion according to claim 1, wherein the bisquaternary organommodified silicone is a compound of the formula:



wherein

Z is the radical  $-(R^1R^2R^3)N^+$  or  $-(R^4R^5)N^+-(CH_2)_x-R^6-C(O)R^7$ ,

R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> independently from each other are C<sub>1</sub>-C<sub>22</sub>

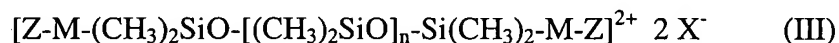
R<sup>4</sup>, R<sup>5</sup>, and alkyl or C<sub>2</sub>-C<sub>22</sub> alkenyl radicals optionally substituted by

R<sup>7</sup> one more OH groups or a -CH<sub>2</sub>-aryl radical,

- x is number between 2 and 6,
- R<sup>6</sup> is an oxygen atom or a group -N (R<sup>8</sup>), wherein R<sup>8</sup> is hydrogen, a C<sub>1</sub>-C<sub>4</sub> alkyl or hydroxyalkyl radical,
- M is a divalent hydrocarbon radical with at least 4 carbon atoms, which is optionally substituted with at least one hydroxyl group and which may be interrupted by one or more oxygen atoms and/or at least one radical selected from the group consisting of -C(O)-, -C(O)O- and -C(O)N-,
- n is a number between 8 and 200, and
- X<sup>-</sup> is an inorganic or organic anion.

4. The cleaning and polishing oil-in-water emulsion according to claim 1, wherein at least one of the variables of the R<sup>1</sup>, R<sup>2</sup> or R<sup>3</sup> is an alkyl radical having at least 10 carbon atoms or a benzyl radical.

5. The cleaning and polishing oil-in-water emulsion according to claim 1, wherein the bisquaternary organomodified silicone is a compound of the formula:



wherein

- Z is the radical  $-(CH_3)_2N^+-(CH_2)_x-R^6-C(O)R^7$ ,
- R<sup>7</sup> is a C<sub>16</sub>-C<sub>22</sub> alkyl radical or a C<sub>16</sub>-C<sub>22</sub> alkylene radical, each of which is optionally substituted with one or more hydroxyl groups,

- x is number between 2 and 6,
- R<sup>6</sup> is an oxygen atom or a group -N (R<sup>8</sup>), wherein
- R<sup>8</sup> is hydrogen, a C<sub>1</sub>-C<sub>4</sub> alkyl radical or a C<sub>1</sub>-C<sub>4</sub> hydroxyalkyl radical,
- M is a divalent hydrocarbon radical with at least 4 carbon atoms,  
which optionally contain at least one hydroxyl group and which is  
optionally interrupted by one or more oxygen atoms and/or at least  
one radical selected from the group consisting of -C(O)-, -C(O)O-  
and -C(O)N-,
- n is a number between 8 and 100, and
- X<sup>-</sup> is an inorganic or organic anion.

6. The cleaning and polishing emulsion according to claim 5, wherein X<sup>-</sup> is an acetate ion.
7. The cleaning and polishing oil-in-water emulsion according to claim 1, which comprises
- A. about 0.5 to about 10 % of at least one silicone oil with a viscosity ranging between about 50 and 50,000 mPas.;
  - B. about 0.5 to about 10 % of at least one bisquaternary organomodified silicone;
  - C. about 0.5 to about 10 % of at least one nonionic or amphoteric surfactants having an alkyl chain length between 8 and 12 carbon atoms;

- D. about 5 to about 20 % of at least one oil selected from the group consisting of mineral oil, a hydrocarbon solvent, an ester oil, and a cyclopentasiloxane;
- E. about 0.5 to about 10 % of an emulsifier which is a nonionic surfactants; and
- F. about 60% to about 90% water.

8. The cleaning and polishing oil-in-water emulsion according to claim 1, wherein

- A. about 1 to about 5 % of at least one silicone oil with a viscosity ranging between about 100 and 20,000 mPas.;
- B. about 1% to about 5 % of at least one bisquaternary organomodified silicone;
- C. about 2% to about 8% of at least one surfactant, wherein the surfactant is selected from the group consisting of ethylhexyl (poly)glucoside, capryl/caprylyl (poly)glucoside, decamine oxide, capryl/capramidopropyl betaine, undecylenamidopropyl betaine and sodium caprylamphopropionate;
- D. about 5% to about 15% of at least one oil which is selected from the group consisting of a mineral oil, a hydrocarbon solvent, an ester oil, and a cyclopentasiloxane;
- E. about 1% to about 7% of a nonionic emulsifier; and
- F. about 70% to about 90% water.

9. A cleaning and polishing oil-in-water emulsion according to claim 1,  
wherein
- A. about 1% to about 5% of at least one silicone oil with a viscosity ranging between about 100 and 20,000 mPas;
  - B. about 1% to about 5 % of at least one bisquaternary organomodified siloxanes;
  - C. about 2% to about 4% of at least one surfactant selected from the group consisting of ethylhexyl(poly)glucoside, capryl/caprylyl (poly)glucoside, and decamine oxide;
  - D. about 5% to about 15% of at least one oil which is selected from the group consisting of a mineral oil, a hydrocarbon solvent, cyclopentasiloxane and a mixture of the foregoing;
  - E. about 1 to about 5% of an emulsifier selected form the group consisting of sorbitan esters, ethoxylated sorbitan esters and a mixture of the foregoing;  
and
  - F. about 75% to 90% water.
10. A method for the preparation of a cleaning and polishing oil-in-water emulsion according to claim 1, which comprises:
- 1. producing an emulsion by homogenizing a mixture of components A, B, D and E with component F, and
  - 2. adding component C to the emulsion obtained above, optionally with a part of water of F and/or with a preservative and/or other auxiliaries.

11. A pump dispenser which includes a cleaning and polishing emulsion according to claim 1.
12. The pump dispenser according to claim 11, which is a non-pressurized foam pump dispenser.
13. A method for cleaning and polishing a surface which comprises applying a portion of foam from the dispenser according to claim 11 and wiping the surface with a cloth or towel.
14. A polish which comprise the oil-in-water emulsion according to claim 1.
15. The polish according to claim 14, which is a furniture/wood polish or a car paint polish.
16. The polish according to claim 14, which is a stainless steel polish or a plastic polish.
17. The polish according to claim 14, which is a leather polish.